

EFFICACY REVIEW

DATE: IN 3-31-00 OUT 5-23-00

FILE OR REG. NO. 239-2663

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED March 7, 2000

DATE OF SUBMISSION February 28, 2000

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 450606-01;D264640;S577704;Case#063288;AC:306

PRODUCT MGR. NO. 03-Layne/Keigwin

PRODUCT NAME(S) Home Defense~~®~~ Indoor & Outdoor Insect Killer_s

COMPANY NAME The Scotts Company d/b/a The ORTHO Group

SUBMISSION PURPOSE Provide performance data in support of adding
a claim for control of an additional public health
pest, the hobo spider, to the existing label.

CHEMICAL & FORMULATION Bifenthrin* 0.05%

*Cis/trans isomer ratio: (8.32 lbs./gal. ready-to-use liquid sol'n)

Minimum 97% cis, maximum 3% trans

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 450606-01, having been obtained from a standard lab-
oratory test conducted according to the requirements of § 95-11,
subparts (b)(1) through (4), (6) and (7) on p. 268 and meeting the
standard of § 95-11(c)(2)(ii)(A)(a) on p. 270 of the Product Per-
formance Guidelines, are adequate to demonstrate the ability of the
subject product to produce 100% knockdown of the hobo spider in 5
minutes when applied as a topical spray of approximately 2.0 gms
or 1.0 mg active bifenthrin, which resulted in 100% mortality at
24 hours. Thus, the additional claims for hobo spider in the lists
of pests controlled on indoor and outdoor home surfaces on p. 4 of
the draft proposed labeling and of nuisance pests indoors and
outdoors on p. 5 of the draft proposed labeling, are acceptable.

RL Vern L. McFarland, IB

198.6.10
P. 10/11/00